

ASEAN'S 2020 ENERGY EFFICIENCY GOALS

How TIC Companies Can Help

26 October 2017 – ACE Roundtable at SIEW

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UL OPERATES IN
MORE THAN

14

EE LABS



FOR

39

Product Categories

UL HAS ENHANCED TRANSACTION SECURITY FOR:



500+ banks

20+ payment
schemes

60+ mobile network operators

50+ governments/
transport operators



UL has helped to set
MORE THAN

1,600

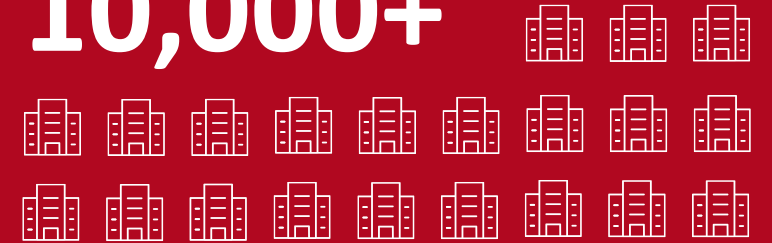
standards defining safety,
security, quality and sustainability



SCIENCE & GLOBAL
EXPERTISE

UL SOFTWARE IS USED BY

10,000+



ORGANIZATIONS IN
OVER 10 INDUSTRIES



UL'S SUSTAINABILITY CERTIFICATIONS are referenced in

900+

SUSTAINABLE PRODUCT
SPECIFICATIONS OR PURCHASING
GUIDELINES AROUND THE GLOBE

UL SERVES

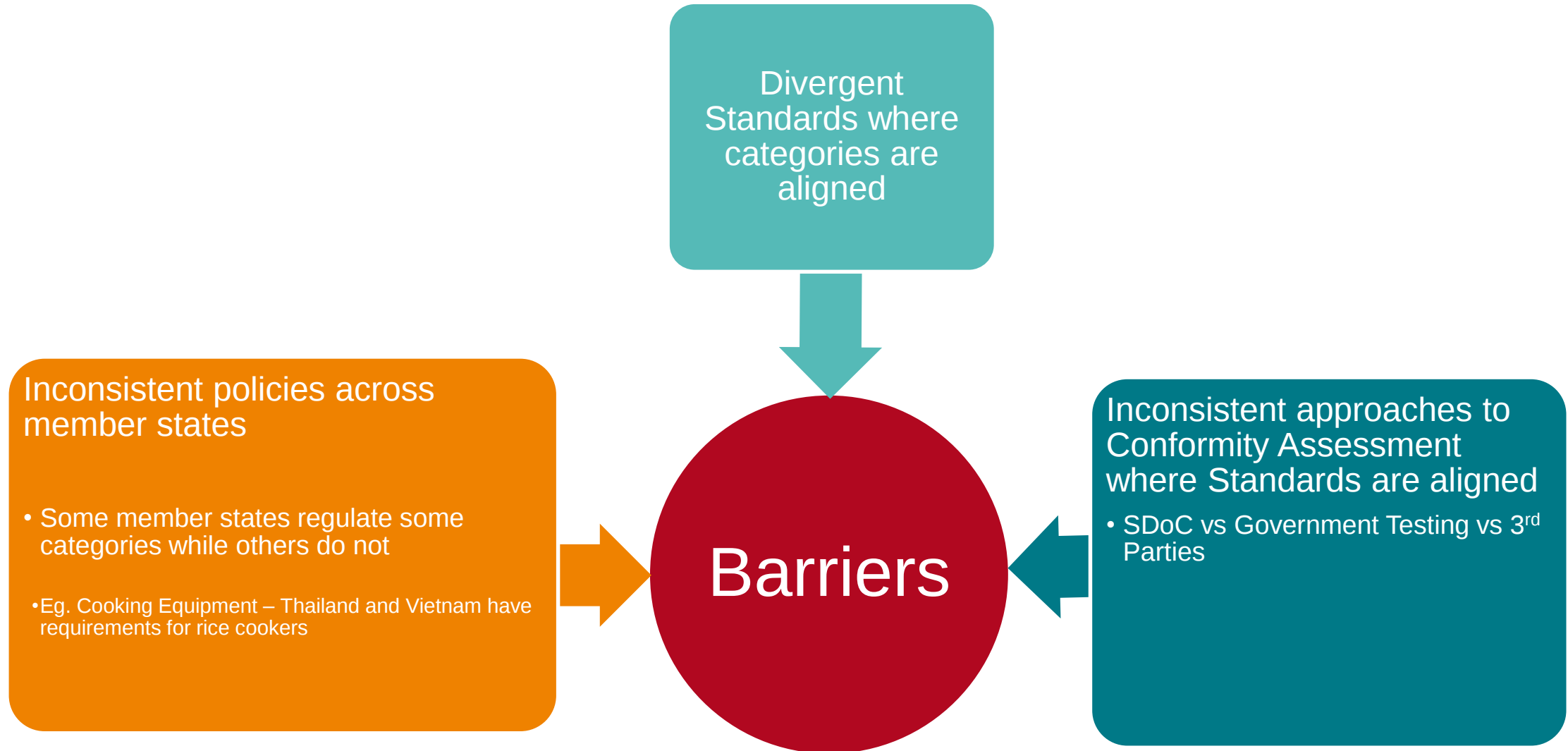
1 OUT OF 3

FORTUNE 500 COMPANIES



THE CHALLENGE:

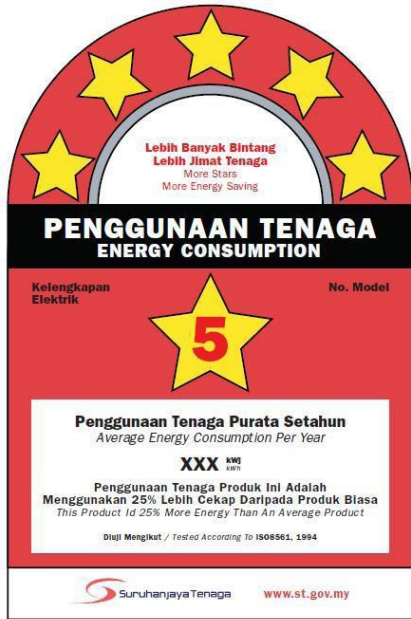
HOW TO PROMOTE TRADE OF HIGH EFFICIENCY GOODS?



EXAMPLE: RESIDENTIAL REFRIGERATORS

Half of ASEAN Member States have 26 policies in effect for residential refrigerators

- Malaysia, Philippines, Singapore, Thailand, and Vietnam
- 18 mandatory; 8 voluntary
- 6 MEPS, 6 Endorsement, 14 Comparative Labeling
- 6 different test methods are referenced
- Different pathways to compliance



Malaysia



Endorsement Label used by Suruhanjaya Tenaga (Energy Commission)

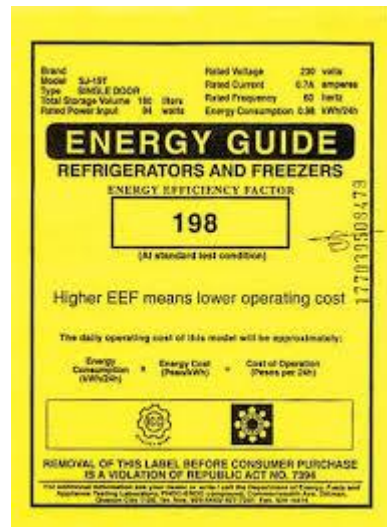


Indonesia

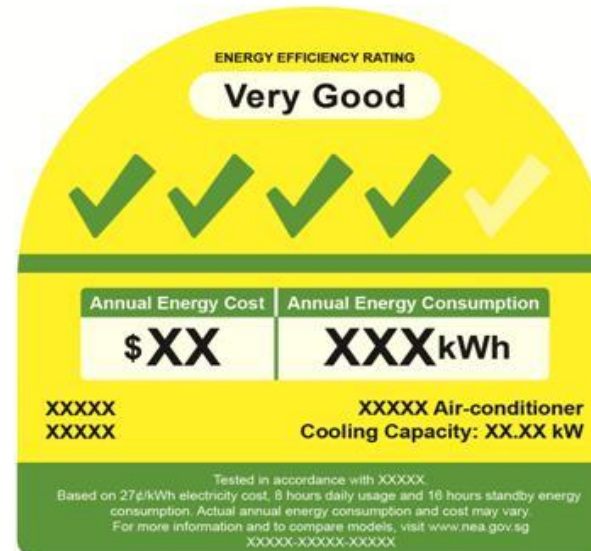
Thailand



Philippines



Singapore



Vietnam



Nhãn năng lượng nhận biết



Nhãn năng lượng so sánh



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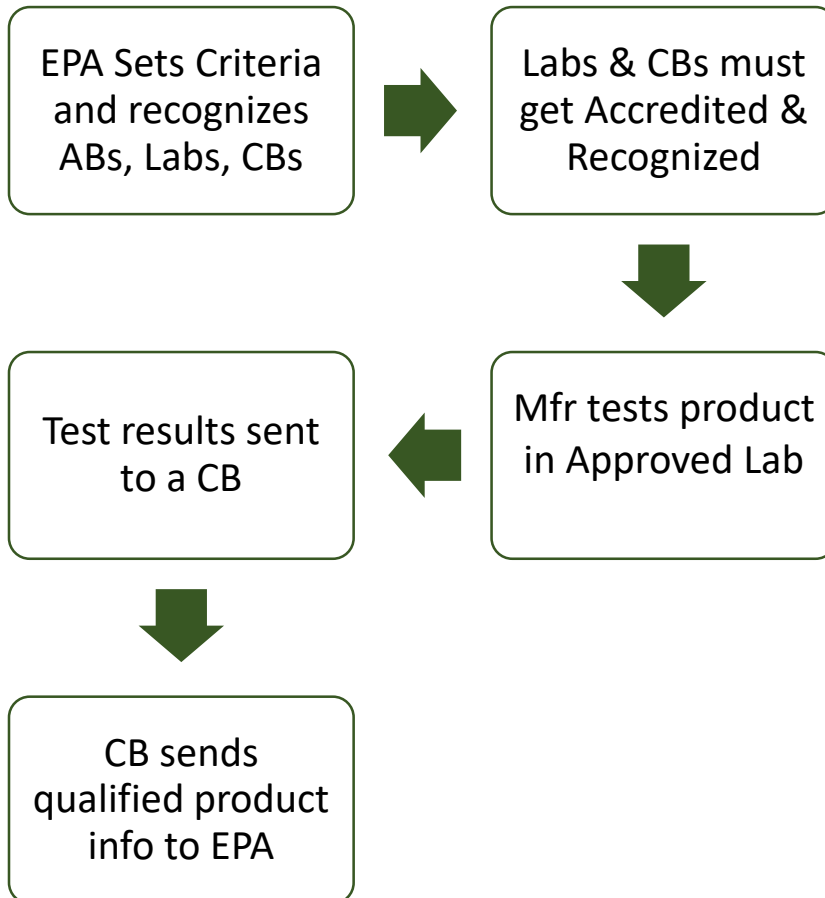
UL RECOMMENDATIONS

	Accelerate ASEAN SHINE to include more products	• RACs have been harmonized • LEDs, Motors, Transformers in development • Energy savings potential from many more products
	Expand ASEAN SHINE to create a single approach to Conformity Assessment similar to the US ENERGY STAR program	• Should leverage Accredited, Independent 3rd Party Labs • Minimizes government investment in program management • Frees up funds from government labs to be spent on other priorities
	Develop an ASEAN-wide label to promote high efficiency products with consumers	• Work with Member State regulators/utility companies to incentivize the purchase of labeled products • Conduct awareness campaigns around the label • Publicly recognize success • Awards

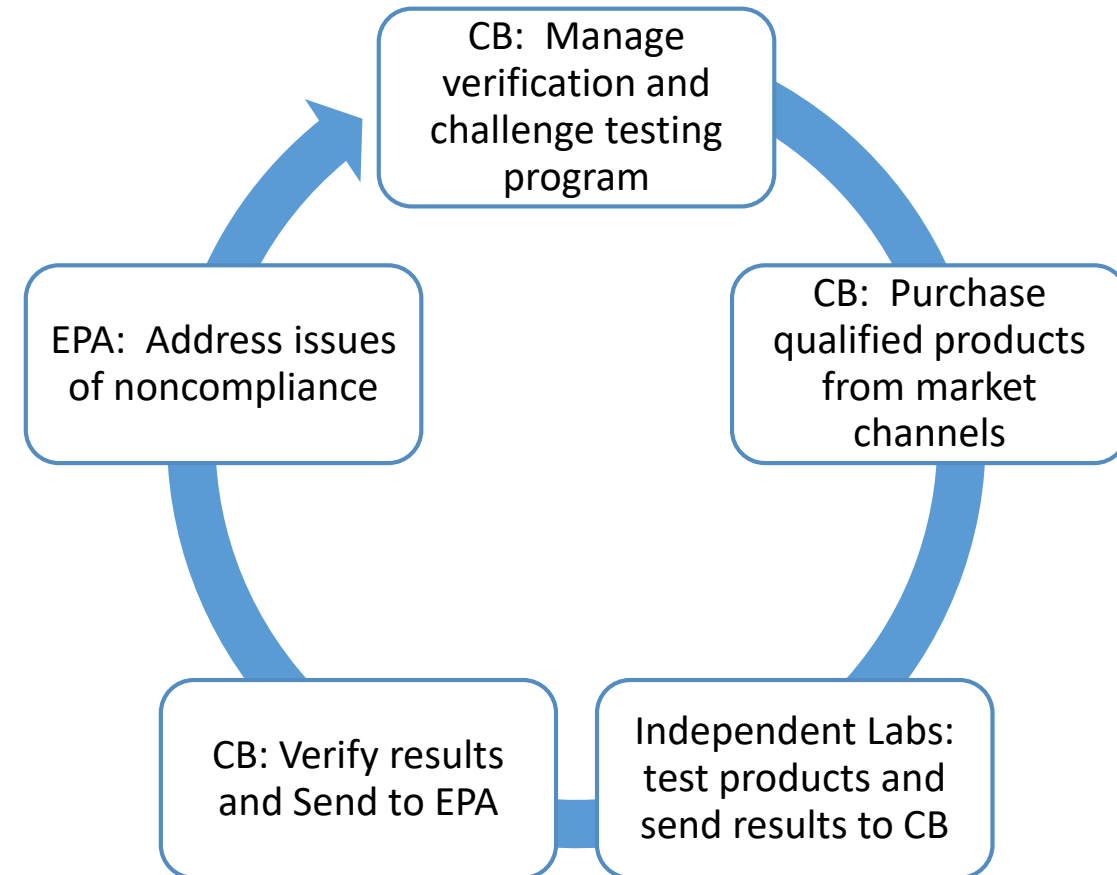


Case Study: The ENERGY STAR Approach

Pre-Market Certification Process



Post-Market Verification Process



THANK YOU

Anthony Tan
VP & Managing Director for
ASEAN

